Title (en)

PRIMER SET FOR THE AMPLIFICATION OF OBESITY GENES BETA2AR, BETA3AR AND UCP1, REAGENT, DETECTION METHOD AND POLYMORPHISM ANALYSIS METHOD THEREOF

Title (de)

PRIMER-SET ZUR AMPLIFIKATION DER ADIPOSITAS-GENE BETA2AR, BETA3AR UND UCP1, REAGENS, NACHWEISVERFAHREN UND ANALYSEVERFAHREN FÜR POLYMORPHISMEN DAVON

Title (fr)

ENSEMBLE D'AMORCES POUR L'AMPLIFICATION DES GÈNES DE L'OBÉSITÉ BETA2AR, BETA3AR ET UCP1, RÉACTIF, PROCÉDÉ DE DÉTECTION ET MÉTHODE D'ANALYSE DE POLYMORPHISMES COMPRENANT LEDIT ENSEMBLE

Publication

EP 2055776 A1 20090506 (EN)

Application

EP 07832872 A 20071130

Priority

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- JP 2007232614 A 20070907

Abstract (en)

Primer sets for amplifying target regions containing sites to be detected in the obesity gene (the β2AR gene, the β3AR gene, and the UCP1 gene) by a gene amplification method are provided, wherein the primer sets can amplify the regions specifically. Three pairs of primer sets are used including forward primers composed of the base sequences of SEQ ID NO: 9 or SEQ ID NO: 109, SEQ ID NO: 25, and SEQ ID NO:43 as well as reverse primers composed of the base sequences of SEQ ID NO: 18, SEQ ID NO: 30, and SEQ ID NO: 63, respectively. The use of these primer sets makes it possible to specifically amplify a target region including a site where a polymorphism to be detected is generated in the β2AR gene, the β3AR gene, and the UCP1 gene, in the same reaction solution at the same time.

IPC 8 full level

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CPC (source: EP KR US)

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